

Attorney Docket No.: DEX-0257
Inventors: Sun et al.
Serial No.: 10/007,280
Filing Date: November 7, 2001
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This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claim 1 (currently amended): An isolated nucleic acid molecule comprising

(a) a nucleic acid molecule comprising a nucleic acid sequence that encodes an amino acid sequence of SEQ ID NO: ~~138~~ through ~~238~~ 221;

(b) a nucleic acid molecule comprising a nucleic acid sequence of SEQ ID NO: ~~1~~ through ~~137~~ 112-115;

(c) a nucleic acid molecule that ~~selectively~~ hybridizes under stringent hybridization conditions of 50% formamide/6X SSC at 42°C for at least 10 hours or 6X SSC at 68°C without formamide for at least 10 hours to the nucleic acid molecule of (a) or (b);
or

(d) a nucleic acid molecule having at least ~~60~~ 80% sequence identity over the entire length of to the nucleic acid molecule of (a) or (b),

wherein said nucleic acid molecule of (a), (b), (c) or (d) is differentially expressed in ovarian cancer tissue.

Claim 2 (original): The nucleic acid molecule according to

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claim 1, wherein the nucleic acid molecule is a cDNA.

Claim 3 (original): The nucleic acid molecule according to claim 1, wherein the nucleic acid molecule is genomic DNA.

Claim 4 (original): The nucleic acid molecule according to claim 1, wherein the nucleic acid molecule is a mammalian nucleic acid molecule.

Claim 5 (original): The nucleic acid molecule according to claim 4, wherein the nucleic acid molecule is a human nucleic acid molecule.

Claim 6 (canceled)

Claim 7 (original): A vector comprising the nucleic acid molecule of claim 1.

Claim 8 (original): A host cell comprising the vector according to claim 7.

Claims 9-14 (canceled)

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Claim 15 (currently amended): A kit for detecting a risk of cancer or presence of cancer in a patient, said kit comprising a means for determining the presence of the nucleic acid molecule of claim 1 ~~or a polypeptide of claim 11~~ in a sample of a patient.

Claims 16-17 (canceled)

Claim 18 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence comprises SEQ ID NO:112.

Claim 19 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence comprises SEQ ID NO:113.

Claim 20 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence comprises SEQ ID NO:114.

Claim 21 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence comprises SEQ ID NO:115.

Claim 22 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence encodes an amino acid sequence of SEQ

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ID NO:221.

Claim 23 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence has at least 85% sequence identity over the entire length of the nucleic acid molecule of (a) or (b).

Claim 24 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence has at least 90% sequence identity over the entire length of the nucleic acid molecule of (a) or (b).

Claim 25 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence has at least 95% sequence identity over the entire length of the nucleic acid molecule of (a) or (b).

Claim 26 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence has at least 98% sequence identity over the entire length of the nucleic acid molecule of (a) or (b).

Claim 27 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence has at least 89% sequence identity over the entire length of the nucleic acid molecule of (a) or (b).